

**Table S3:** Quantification of CD8<sup>+</sup> T, CD4<sup>+</sup> T and CD68<sup>+</sup> cells in the spleen and the liver of animals infected with wild type and  $\Delta msp7$  mutant parasites by immunohistochemical staining

	Spleen			Liver		
	Uninfected	Wild type	$\Delta msp7$	Uninfected	Wild type	$\Delta msp7$
CD8 <sup>+</sup> T cells						
Day 8		<b>55</b> (42 - 67)	<b>33</b> (27 - 41)		<b>5</b> (3 - 7)	<b>4</b> (2 - 6)
Day 10	<b>8</b> (2 - 18)	<b>55</b> (49 - 65)	<b>35</b> (29 - 39)	<b>1</b> (0.3 - 1)	<b>6</b> (4 - 7)	<b>2</b> (1 - 2)
CD4 <sup>+</sup> T cells						
Day 8		<b>76</b> (69 - 81)	<b>80</b> (57 - 113)		<b>0.6</b> (0.2 - 0.9)	<b>0.9</b> (0.7 - 1.1)
Day 10	<b>7</b> (3 - 11)	<b>85</b> (66 - 116)	<b>70</b> (25 - 108)	<b>0.02</b> (0 - 0.04)	<b>1.8</b> (0.8 - 3.6)	<b>0.2</b> (0.01 - 0.5)
CD68 <sup>+</sup> cells						
Day 8		<b>63</b> (53 - 78)	<b>77</b> (75 - 79)		<b>19</b> (11 - 25)	<b>23</b> (18 - 30)
Day 10	<b>48</b> (38 - 59)	<b>88</b> (75 - 101)	<b>80</b> (75 - 87)	<b>1</b> (0.3 - 3)	<b>24</b> (20 - 35)	<b>16</b> (14 - 21)

The data presented are the results of one out of two independent experiments including 3 to 4 rats in each group